

ABSTRACT OF THE DISCLOSURE

In an actuator of a vehicle headlamp unit for deflecting a direction or a range of illumination, a step-like rib for supporting a printed circuit board is formed at an inner side of a peripheral edge portion of a resin molded casing, and an opposed rib is formed at an outer side of this peripheral edge portion by a generally channel-shaped groove. A gear in a gear mechanism of the actuator is made of a resin having self-lubricating properties. The actuator includes a brushless motor, a yoke molded of a resin having a cylindrical container-shape. A gear is formed integrally on a central portion of an outer end surface of the yoke. A fixing means for fixing the stator coil of the brushless motor to a housing or the board has a positioning structure for positioning the stator coil.